520.42838X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: HASHIMOTO, et al.

Serial No.: Not assigned

Filed: June 30, 2003

For: MASS SPECTROMETER AND MASS SPECTROMETRIC METHOD

## UNDER 37 CFR 1.97 & 1.98

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 June 30, 2003

Sir:

In the matter of the above-identified application, applicant(s) are submitting copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted, with The New Application.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 520.42838X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS LLP

Melvin Kraus

Registration No. 22,466

MK/amr (703) 312-6600

**Attachments** 

U.S. Patent and Trademark Office: U.S DEPARTMENT OF COMMERCE

Substitute f	or form 1449A/PTO				Complete if Known		
	•			Application Numb	er		
	INFORMATION DISCI	_osi	JRE	Filing Date	June 30, 2003		
	STATEMENT BY APP	LICA	ANT	First Named Inver	tor HASHIMOTO, YUICHIRO		
				Art Unit			
	(use as many sheets as ne	cessar	y)	Examiner Name			
Sheet	1	of	2	Attorney Docket Nu	imber 520.42838X00		

			U.S. PATENT	DOCUMENTS	<u> </u>	
Examiner Initials'	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US- 4,650,999	03-17-1987	FIES		
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FOREIGN PATENT DOCUMENTS								
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Detector of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Name of Patentee or Applicant of Cited Document				
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Signature	 Considered	<u></u>

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO					Complete if Known			
					Application Number			
	INFORMATION DISCI	LOSL	JRE		Filing Date	June 30, 2003		
STATEMENT BY APPLICANT					First Named Inventor	HASHIMOTO, YUICHIRO		
					Group Art Unit			
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Sheet	2	of	2		Attorney Docket Number	520.42838X00		

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		"Effects of Heavy Gases on the Tandem Mass Spectra of Peptide Ions in the Quadrupole Ion Trap", Richard W. Vachet and Gray L. Glish, Journal of American Society for Mass Spectrometry, Vol.7, pp. 1194-1202, 1996								
		"High efficiency MALDI-QIT-ToF mass spectrometer", Ling Ding et al., Proceeding SPIE the international Society for Optical Engineering, 199, Vol. 3777, pp. 144-155								
		"Use of Infrared Multiphoton Photodissociation with SWIFT for Electrospray Ionization and Laser Desorption Applications in a Quadrupole Ion Trap Mass Spectrometer", Armando Colorado et al., Analytical Chemistry, 1996, Vol. 68, pp. 4033-4043								
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